

To: Ana BAPTISTA [abaptista@ironboundcc.org]
Cc: []
Bcc: []
From: CN=Elizabeth Butler/OU=R2/O=USEPA/C=US
Sent: Mon 3/12/2012 10:09:33 PM
Subject: Re: Fw: Passaic perimeter air program
Butler.Elizabeth@epamail.epa.gov
abaptista@ironboundcc.org
Butler.Elizabeth@epamail.epa.gov
[973-817-7013](tel:973-817-7013) x217

The background data should be in shortly. I will share it when I get it. I will follow-up then to ask Tierra what the difference would be to possibly add PM 2.5 or black carbon. I'll get back to you on that.

From: Ana BAPTISTA <abaptista@ironboundcc.org>
To: Elizabeth Butler/R2/USEPA/US@EPA
Date: 03/12/2012 05:40 PM
Subject: Re: Fw: Passaic perimeter air program

I think the only difference would be if we could monitor for black carbon or PM 2.5 derived from diesel equipment on site - but obviously there's lots of background sources of that outside the project area that would get picked up everytime a truck goes by. So I guess it would be more about picking up the finer stuff on site - the finer PM is actually of more concern to us due to health impacts of fine PM.

But if you can't add any of that easily to the existing monitoring than it would be great to get the results of the PM 10 on site and any background monitoring they already conducted.

thanks

On Mon, Mar 12, 2012 at 5:31 PM, Elizabeth Butler <Butler.Elizabeth@epamail.epa.gov> wrote:
Hi Ana.

I meant to catch you at the CAG meeting as well but I didn't get the chance. I have a return question for you. I haven't yet asked the question about adding PM because I don't think we need to. Tierra is doing real time monitoring at both the dredging area and the sediment processing area for total dust, which is essentially equivalent to PM 10. Will that suffice for what you're looking for? If so, please let me know and I can find out what the download frequency is for that data and see how best to share that with you. If not, let's discuss this further and I'll pose the question to Tierra about adding it.

Thanks,
Elizabeth

From: Ana BAPTISTA <abaptista@ironboundcc.org>
To: Elizabeth Butler/R2/USEPA/US@EPA
Date: 03/09/2012 02:23 PM
Subject: Re: Fw: Passaic perimeter air program

Liz, I forgot to ask last night - were you able to look into adding PM monitoring to the plan?

Ana

On Fri, Mar 2, 2012 at 5:13 PM, Elizabeth Butler <Butler.Elizabeth@epamail.epa.gov> wrote:
Hi Ana.

Please see the attached perimeter air monitoring plan and location map. Just a point of clarification, this will also be included in the air permit equivalency as well, but my understanding is that in that package you will see a slightly different location map. In order to determine exact locations, NJDEP put together a figure based on aerial images and then I physically walked around with ARCADIS to check out the locations to see if they could logistically work out and meet the goals of the program (no obstructions, access to electricity or ability to use a generator, etc.), resulting in the below figure. If you'd like to see the original figure please let me know. It's pretty similar to this one with minor adjustments to some of the nonresidential monitors. Also, in this figure you will see one location identified as a background location. This was neither an EPA nor DEP required station but one that Tierra has chosen to monitor on their own as part of their background sampling program. The equipment for that program just arrived at the site, so they expect to be setting up the equipment over the next few days with the 1st day of background sampling scheduled to occur on Monday. If there are any changes to that I will keep you posted. I'll also let you know when we expect to get the data back.

Any questions on the above please let me know. I hope this helps.

Thanks and have a good weekend,
Elizabeth

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Ana I. Baptista, Ph.D.
Environmental & Planning Projects Director
Ironbound Community Corp
317 Elm Street
Newark, NJ 07105
973-817-7013 x217

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Ana I. Baptista, Ph.D.
Environmental & Planning Projects Director
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Newark, NJ 07105
973-817-7013 x217